

Substitute for Form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/607,769
				Filing Date	June 27, 2003
				First Named Inventor:	Scott A. Hareland
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of		Attorney Docket Number	42P15685

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
MWS		US-	5,578,513	11/26/1996	Maegawa	
MWS		US-	6,483,156 B1	11/19/2002	Adkisson et al.	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

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MWS		US-	6,716,684 B1	4/6/2004	Krivokapic et al.	
MWS		US-	6,680,240 B1	1/20/2004	Maszara	
MWS		US-	6,562,665 B1	5/13/2003	Yu	
MWS		US-	6,525,403 B2	2/25/2003	Inaba et al.	
MWS		US-	6,475,869 B1	11/5/2002	Yu	
MWS		US-	5,563,077	10/8/1996	Ha	
MWS		US-	5,346,839	9/13/1994	Sundaresan	
MWS		US-	2002/0081794 A1	6/27/2002	Ito	
MWS		US-	2002/0167007 A1	11/14/2002	Yamazaki et al.	
MWS		US-	6,483,156 B1	11/29/2002	Adkisson et al.	
MWS		US-	5,578,513	11/26/1996	Maegawa	
MWS		US-	6,413,802 B1	7/2/2002	Hu et al.	
MWS		US-	6,730,964 B2	5/4/2004	Horiuchi	
		US-				
		US-				

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		Country Code ⁴	Number ⁴ Kind Code ⁵ (if known)				
MWS		EP	0 623 963 A1	11/9/1994	Siemens AG		
MWS		WO	02/43151A	5/30/2002	Hitachi ULSI Sys Co Ltd		

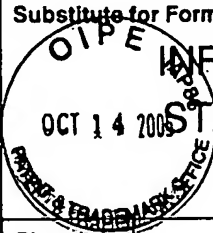
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				First Named Inventor:	Scott A. Hareland et al.
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	42P15685
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
MWS		V. Subramanian et al., "A Bulk-Si-Compatible Ultrathin-body SOI Technology for Sub-100nm MOSFETS" Proceeding of the 57th Annual Device Research Conference, pp. 28-29 (1999)			
MWS		Hisamoto et al., "A Folded-channel MOSFET for Deepsub-tenth Micron Era", 1998 IEEE International Electron Device Meeting Technical Digest, pp 1032-1034 (1998)			
MWS		Huang et al., "Sub 50-nm FinFET: PMOS", 1999 IEEE International Electron Device Meeting Technical Digest, pp 67-70 (1999)			
MWS		Auth et al., "Vertical, Fully-Depleted, Surroundings Gate MOSFETS On sub-0.1um Thick Silicon Pillars", 1996 54th Annual Device Research Conference Digest, pp 108-109 (1996)			
MWS		Hisamoto et al., "A Fully Depleted Lean-Channel Transistor (DELTA)-A Novel Vertical Ultrathin SOI MOSFET", IEEE Electron Device Letters, V. 11(1), pp36-38 (1990).			
MWS		Jong-Tae Park et al., "Pi-Gate SOI MOSFET" IEEE Electron Device Letters, Vol. 22, No. 8, August 2001, pages 405-406			
MWS		Hisamoto, Digh et al. "FinFET- A Self-Aligned Double-Gate MOSFET Scalable to 20 nm", IEEE Transactions on Electron Devices, Vol. 47, No. 12, December 2000, pages 2320-2325			
MWS		International Search Report PCT/US 03/26242			
MWS		International Search Report PCT/US 03/39727			
MWS		International Search Report PCT/US 03/40320			
		/Matthew Such/			10/15/2006

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MWS		us-	6,709,982 B1	03/23/2004	Buynoski et al.	
MWS		us-	6,645,797 B1	11/11/2003	Buynoski et al.	
MWS		us-	6,475,869 B1	11/05/2002	Yu	
MWS		us-	5,545,586	08/13/1996	Koh	
MWS		us-	2004/0256647 A1	12/23/2004	Lee et al.	
MWS		us-	2003/0057486 A1	03/27/2003	Gambino et al.	
MWS		us-	2002/0036290 A1	03/28/2002	Inaba et al.	
MWS		us-	2002/0011612 A1	01/31/2002	Hieda	
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MWS		EP	1 202 335 A	05/02/2002	IBM	Page 6, par 22	
MWS		JP	2002298051	10/17/2003	Lee Soko	Abstract, Fig 11	

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MWS		BURENKOV, A. et al., "Corner Effect in Double and Triple Gate FINFETs", European Solid-State Device Research, 2003 33 rd Conference on Essderc '03 September 2003, Piscataway, NJ, USA, IEEE, pages 135-138, XP010676716			
MWS		CHANG, S.T. et al, "3-D Simulation of Strained Si/SiGe Heterojunction FinFETS", Semiconductor Device Research Symposium, 2003 International, December 2003, Piscataway, NJ, USA, IEEE, pages 176-177, XP010687197			
MWS		International Search Report PCT/US2005/010505			

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MWS		US-	6,475,890 B1	11-05-2002	Yu.	
MWS		US-	2004/0227187	11-18-2004	Cheng et al.	Fig. 9B-10C
MWS		US-	5,124,777	06-23-1992	Lee, Sangin	
MWS		US-	5,701,016	12-23-1997	Burroughs et al.	
MWS		US-	6,756,657 B1	06-29-2004	Zhang et al.	
MWS		US-	6,884,154 B2	04-26-2005	Mizushima et al.	
MWS		US-	2003/0085194 A1	05-08-2003	Hopkins, Jr.	
MWS		US-	2005/0118790 A1	06-02-2005	Lee et al.	
MWS		US-	2005/0224797 A1	10-13-2005	Ko et al.	
MWS		US-	2003/0143791 A1	07-31-2003	Cheong et al.	
MWS		US-	6,252,284 B1	06-26-2001	Muller et al.	
MWS		US-	6,835,618 B1	12-28-2004	Dakshina-Murthy	
MWS		US-	6,716,690 B1	04-06-2004	Wang et al.	
MWS		US-	2003/0111686	06-19-2003	Nowak	
MWS		US-	2003/0102497	06-05-2003	Fried et al.	
MWS		US-	2003/0227036 A1	12-11-2003	Sugiyama et al.	
MWS		US-	2004/0031979 A1	02-19-2004	Lochtefeld et al.	
MWS		US-	2004/0119100 A1	06-24-2004	Nowal et al.	
MWS		US-	2004/0195624	10-01-2004	Liu et al.	
MWS		US-	2004/0262683	12/30/2004	Bohr et al.	
MWS		US-	5,466,621	11-14-1995	Hisamoto et al.	
MWS		US-	5,827,769	10-27-1998	Aminzadeh et al.	
MWS		US-	5,905,285	5-18-1999	Gardner et al.	
MWS		US-	6,396,108 B1	05-28-2002	Krivokapic et al.	
MWS		US-	6,858,472 B2	02-22-2005	Chau et al.	
MWS		US-	5,658,806	08-19-1997	Lin et al.	
MWS		US-	5,716,879	02-01-1998	Choi et al.	
MWS		US-	6,376,317 B1	04-23-2002	Forbes et al.	
MWS		US-	6,611,029 B1	08-26-2003	Ahmed et al.	
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MWS		EP	1 566 844 A2		08-24-2005	Samsung Electronics Co.		

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MWS		International Search Report PCT/US2005/000947, Int'l. filing date January 10, 2005, mailed May 3, 2005 (7 pages).	
MWS		T. Park et al., "Fabrication of Body-Tied FinFETs (Omega MOSFETS) Using Bulk Si Wafers", 2003 Symposia on VLSI Technology Digest of Technical Papers, June 2003, pages 135-136.	

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MWS		US-	2003/0201458 A1	10-30-2003	Clark et al.	
MWS		US-	2004/0262683 A1	12-02-2004	Nihey	
MWS		US-	2004/0180491 A1	09-16-2004	Arai et al.	
MWS		US-	6,635,909 B2	10-21-2003	Clark et al.	
MWS		US-	6,858,478 B2	02-22-2005	Chau et al.	
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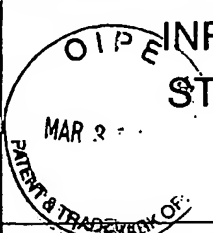
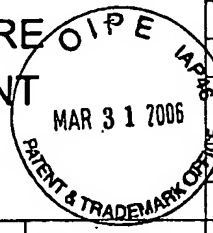
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Sheet	2	of	2	Attorney Docket Number	42P15685
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
MWS		JING GUO, et al. "Performance Projections for Ballistic Carbon Nanotube Field-Effect Transistors", Applied Physics Letters, Vol. 80, No. 17, pp. 3192-3194 (April 29, 2004)			
MWS		ALI JAVEY, et al., "High-K Dielectrics for Advanced Carbon-Nanotube Transistors and Logic Gates", Advance Online Publication, Published online, pp. 1-6 (November 17, 2002)			
MWS		RICHARD MARTEL, et al., "Carbon Nanotube Field Effect Transistors for Logic Applications" IBM, T.J. Watson Research Center, 2001 IEEE, IEDM 01, pp. 159-162			
MWS		DAVID M. FRIED, et al., "High-Performance P-Type Independent-Gate FinFETs, IEEE Electron Device Letters", Vol 25, No. 4, April 2004, pp. 199-201.			
MWS		DAVID M. FRIED, et al., "Improved Independent Gate N-Type FinFET Fabrication and Characterization", IEEE Electron Device Letters", Vol. 24, No. 9, September 2003, pp. 592-594.			
MWS		CHARLES KUO, et al. "A Capacitorless Double Gate DRAM Technology for Sub-100-nm Embedded and Stand-Alone Memory Applications", IEEE Transactions on Electron Devices", Vol. 50, No. 12, December 2003, pp. 2408-2416.			
MWS		CHARLES KUO, et al., "A Capacitorless Double-Gate DRAM Cell Design for High Density Applications", 2002 IEEE International Electron Devices Meeting Technical Digest, December 2002, pp. 843-846			
MWS		TAKASHI OHSAWA, et al., "Memory Design Using a One-Transistor Gain Cell on SOI", IEEE Journal of Solid-State Circuits, Vol. 37, No. 11, November 2002, pp. 1510-1522			
MWS		T. TANAKA, et al., "Scalability Study on a Capacitorless 1T-DRAM: From Single-Gate PD-SOI to Double-Gate FinDRAM", 2004 IEEE International Electron Devices Meeting Technical Digest, December 2004, 4 pages.			L
MWS		T. M. MAYER, et al., "Chemical Vapor Deposition of Fluoroalkylsilane Monolayer Films for Adhesion Control in Microelectromechanical Systems" 2000 American Vacuum Society B 18(5), Sep/Oct 2000, pp. 2433-2440			
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<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <h2 style="margin: 0;">INFORMATION DISCLOSURE</h2> <h2 style="margin: 0;">STATEMENT BY APPLICANT</h2> <p style="font-size: small;">(use as many sheets as necessary)</p> </div> <div style="text-align: center;">  </div> </div>					Application Number: 10/607,769 Filing Date: June 27, 2003 First Named Inventor: Scott A. Hareland, et al. Art Unit: 2812 Examiner Name: Unassigned Attorney Docket No.: 42P15685	
Sheet	1	of	3			
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)				
MWS		US- 2003/0122186 A1	07-03-2003	Sekigawa et al.		
MWS		US- 2003/0151077 A1	08-14-2003	Mathew et al.		
MWS		US- 2004/0036118 A1	02-26-2004	Adadeer et al.		
MWS		US- 2004/0092062 A1	05-13-2004	Ahmed et al.		
MWS		US- 2004/0092067 A1	05-13-2004	Hanafi et al.		
MWS		US- 2004/0110097 A1	06-10-2004	Ahmed et al.		
MWS		US- 2004/0126975 A1	07-01-2004	Ahmed et al.		
MWS		US- 2005/0145941	07-07-2005	Bedell et al.		
MWS		US- 6,764,884 B1	07-20-2004	Yu et al.		
MWS		US- 6,921,982	07-26-2005	Joshi et al.		
MWS		US- 6,562,665 B1	05-13-2003	Yu, Bin		
MWS		US- 2004/094807 A1	05-20-2004	Chau et al.		
MWS		US- 5,338,959 A	08-16-1994	Kim et al.		
MWS		US- 6,706,571 B1	03-16-2004	Yu et al.		
MWS		US- 5,563,077 A	10-08-1996	Ha et al.		
MWS		US- 2004/262699 A1	12-30-2004	Rios et al.		
MWS		US- 2005/127362 A1	06-16-2005	Zhang et al.		
MWS		US- 2004/191980 A1	09-30-2004	Rios et al.		
MWS		US- 2002/166838 A1	11-14-2002	Nagarajan, R.		
MWS		US- 2004/0198003 A1	10-07-2004	Yeo et al.		
MWS		US- 2004/0166642 A1	08/26/2004	Chen et al.		
MWS		US- 2004/0036127 A1	02/26/2004	Chau et al.		
MWS		US- 2004/0238887	12-02-2004	Nihey		
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
MWS		WO	2004/059726	A1	07-15-2004	IBM Corporation		

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MWS		International Search Report PCT/US2005/033439, mailed 1/31/2006 (7 pgs.)	
MWS		International Search Report PCT/US2005/035380, mailed 2/13/2006 (14 pgs.)	
MWS		International Search Report PCT/US2005/037169, mailed 2/23/2006 (11 pgs.)	
MWS		SUNG MIN KIM, et al., "A Novel Multi-channel Field Effect Transistr (McFET) on Bulk Si for High Performance Sub-80nm Application, IEDM 04-639, 2004 IEEE, pgs. 27.4.1-27.4.4	
MWS		YANG-KYU CHOI, et al., "A Spacer Patterning Technology for Nanoscale CMOS" IEEE Transactions on Electron Devices, Vol. 49, No. 3, March 2002, pgs. 436-441	
MWS		W. XIONG, et al., "Corner Effect in Multiple-Gate SOI MOSFETs" 2003 IEEE, pgs. 111-113	
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MWS		WEIZE XIONG, et al., "Improvement of FinFET Electrical Characteristics by Hydrogen Annealing" IEEE Electron Device Letters, Vol. 25, No. 8, August 2004, XP-001198998, pgs. 541-543	
MWS		FU-LIANG YANG, et al., "5nm-Gate Nanowire FinFET" 2004 Symposium on VLSI Technology Digest of Technical Papers, 2004 IEEE, pgs. 196-197	
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